**EAST Search History**

**EAST Search History (Prior Art)**

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| S1 | 138 | cluster and physical and perceptual and psychological | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/07/21 09:19 |
| S2 | 50 | cluster and physical and perceptual and psychological and (spectral centroid short time energy average zero crossing) and (rhythm tonality) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/07/21 09:20 |
| S3 | 1225 | cluster and (physical spectral centroid short time energy average zero crossing) and (perceptual rhythm tonality) and (psychological happy anxious calm energetic mood emotion) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/07/21 11:13 |
| S4 | 95 | cluster and (physical spectral centroid short time energy average zero crossing) same (perceptual rhythm tonality) same (psychological happy anxious calm energetic mood emotion) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/07/21 11:13 |
| S5 | 15 | cluster and physical same perceptual same psychological | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/07/21 13:43 |
| S6 | 41 | group and physical same perceptual same psychological | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/07/21 13:44 |

| S7 | 21 | classif$5 and physical same perceptual same psychological | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/07/21 13:45 |
|---|---|---|---|---|---|---|
| S8 | 296 | classif$5 and (centroid (short adj2 energy) (short adj2 average) (zero adj crossing)) and (rhythm tonality tone instrument) and (psychological mood happy anxious calm energetic) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/07/21 14:13 |
| S9 | 288 | classif$5 and (group$4 cluster$4) and (centroid (short adj2 energy) (short adj2 average) (zero adj crossing)) and (rhythm tonality tone instrument) and (psychological mood happy anxious calm energetic) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/07/21 14:13 |
| S10 | 8 | ("20030030634" \| "20040139064" \| "20040175036" \| "20040181747").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/07/21 14:25 |
| S11 | 35 | ("20010049826" \| "20020180803" \| "20030050784" \| "20030205124" \| "20030206204" \| "20030225791" \| "20040139064" \| "20040158860" \| "20060007479" \| "20060202994" \| "20070271224" \| "5924068" \| "6728752" \| "6772124" \| "7190794" \| "7392532" \| "7395547" \| "7420482").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/07/21 14:34 |
| S12 | 8 | ("20050120868" \| "5616876" \| "6185527" \| "6225546" \| "6545209" \| "6657117" \| "6665644").PN. OR ("7022907").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/07/21 14:55 |

| S13 | 18 | mood and ((spectral spectrum) with centroid) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/07/21 15:56 |
|---|---|---|---|---|---|---|
| S14 | 15 | emotion and ((spectral spectrum) with centroid) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/07/21 15:57 |
| S15 | 16 | emotional and ((spectral spectrum) with centroid) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/07/21 16:07 |
| S16 | 0 | (emotion emotional mood) same stft | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/07/21 16:17 |
| S17 | 46 | (emotion emotional mood) and stft | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/07/21 16:17 |
| S18 | 38 | ("20020101989" \| "20030028796" \| "20030046283" \| "20030086341" \| "20030135513" \| "20040074378" \| "20040143349" \| "20040172411" \| "20040267522" \| "20050017879" \| "4677466" \| "4843562" \| "5210820" \| "5432852" \| "5612729" \| "5862260" \| "5918223" \| "5960388" \| "5987525" \| "6061680" \| "6154773" \| "6161132" \| "6230192" \| "6230207" \| "6240459" \| "6304523" \| "6330593" \| "6453252" \| "6505160" \| "6512796" \| "6539395" \| "6570991" \| "6571144" | US-PGPUB; USPAT; USOCR | OR | ON | 2009/07/21 16:20 |

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|---|---|---|---|---|---|---|
| | | \| "6675174" \| "6829368").PN. OR ("7277766").URPN. | | | | |
| S19 | 5 | "7149755" | US-PGPUB; USPAT; USOCR | OR | ON | 2009/07/22 15:05 |
| S20 | 51 | "6278446" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/07/22 18:04 |
| S21 | 34 | "5864855" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/07/22 18:05 |
| S22 | 25 | "6987221" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/07/22 18:07 |

**7/23/2009 4:45:37 PM**
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